

Title (en)

MINIATURIZED PLANAR COLUMNS IN NOVEL SUPPORT MEDIA FOR LIQUID PHASE ANALYSIS

Title (de)

MINIATURISIERTE, FLACHE KOLONNEN IN NEUEN TRÄGERMEDIEN FÜR FLÜSSIGPHASE-ANALYSE

Title (fr)

COLONNES PLANAIRES MINIATURISEES DISPOSEES DANS UN NOUVEAU MILIEU DE SUPPORT POUR ANALYSE EN PHASE LIQUIDE

Publication

EP 0734281 A1 19961002 (EN)

Application

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Priority

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Abstract (en)

[origin: US5658413A] Miniaturized planar column devices are described for use in liquid phase analysis, the devices comprising microstructures fabricated by laser ablation in a variety of novel support substrates. Devices formed according to the invention include associated laser-ablated features required for function, such as analyte detection means and fluid communication means. Miniaturized columns constructed under the invention find use in any analysis system performed on either small and/or macromolecular solutes in the liquid phase and may employ chromatographic, electrophoretic, electrochromatographic separation means, or any combination thereof.

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